#4

SEQUENCE LISTING

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Hebert, Lise
Kong, Xianqi
Gervais, Francine

<120> VACCINE FOR THE PREVENTION AND TREATMENT OF ALZHEIMER'S AND AMYLOID RELATED DISEASES

<130> 14445-501 CIP

<140> 09/867,847
<141> 2001-05-29

<150> 60/168,594
<151> 1999-11-29

<150> 09/724,842
<151> 2000-11-28

<160> 65

<170> PatentIn Ver. 2.1

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1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
20 25 30

Gly Leu Met Val Gly Gly Val Val Ile Ala
35 40

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<213> Artificial Sequence

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or peptidomimetics

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Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
20 25 30

Gly Leu Met Val Gly Gly Val Val
35 40

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<213> Artificial Sequence

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or peptidomimetics

<400> 3
Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
20 25 30

Gly Leu Met
35

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or peptidomimetics

<400> 4
Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys

1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
20 25

<210> 5
<211> 7
<212> PRT
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<400> 5
Asp Ala Glu Phe Arg His Asp
1 5

<210> 6
<211> 7
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<400> 6
Tyr Glu Val His His Gln Lys
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<210> 7
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<220>
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<400> 7
Lys Leu Val Phe Phe Ala
1 5

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or peptidomimetics

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Tyr Glu Val His His Gln Lys Leu Val Phe Phe Ala
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or peptidomimetics

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His His Gln Lys Leu Val Phe Phe Ala
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<400> 10
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<210> 11
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or peptidomimetics

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or peptidomimetics

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or peptidomimetics

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Lys Leu Val Phe
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Lys Ala Val Phe Phe Ala
1 5

<210> 17
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<400> 17
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1 5

<210> 18
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or peptidomimetics

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Lys Val Val Phe Phe Ala
1 5

<210> 19
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or peptidomimetics

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Lys Leu Val Phe
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or peptidomimetics

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Lys Ala Val Phe Phe Ala
1 5

<210> 25
<211> 5
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or peptidomimetics

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Lys Leu Val Phe Phe
1 5

<210> 26

<211> 6
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or peptidomimetics

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Lys Val Val Phe Phe Ala
1 5

<210> 27
<211> 7
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or peptidomimetics

<400> 27
Lys Leu Val Phe Phe Ala Gln
1 5

<210> 28
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or peptidomimetics

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<222> (7)
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<400> 28
Lys Leu Val Phe Phe Ala Gln

1 5

<210> 29
<211> 10
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<400> 29
His His Gln Lys Leu Val Phe Phe Ala Gln
1 5 10

<210> 30
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<400> 30
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Lys Val Asp Asp Gln Asp
1 5

<210> 32
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His His Gln Lys
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<223> CH2CH2SO3H attached at the n-terminus

<400> 33
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or peptidomimetics

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<221> MOD_RES
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<223> CH2CH2CH2SO3H attached at the n-terminus

<400> 34
Phe Phe
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<210> 35
<211> 2
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or peptidomimetics

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<221> MOD_RES
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Phe Phe
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<210> 36
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or peptidomimetics

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<400> 36
Phe Tyr
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<210> 37
<211> 2
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or peptidomimetics

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<223> CH2CH2CH2SO3H attached at the n-terminus

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Phe Tyr
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<210> 38
<211> 2
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or peptidomimetics

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<210> 39
<211> 2
<212> PRT
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or peptidomimetics

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Phe Phe
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<210> 40
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or peptidomimetics

<220>
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Phe Phe
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or peptidomimetics

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Phe Tyr
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or peptidomimetics

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<210> 45

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or peptidomimetics

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1 5

<210> 46
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<223> HO3SCH2CH2CH2 attached at the c-terminus

<400> 46
Leu Val Phe Phe Ala
1 5

<210> 47
<211> 5
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or peptidomimetics

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<222> (1)
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Leu Val Phe Phe Ala
1 5

<210> 48
<211> 5
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<220>
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<222> (5)
<223> CH2CH2SO3H attached at the n-terminus

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Leu Val Phe Phe Ala
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<210> 49
<211> 5
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<222> (5)
<223> CH2CH2CH2SO3H attached at the n-terminus

<400> 49
Leu Val Phe Phe Ala
1 5

<210> 50
<211> 5

<212> PRT
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<220>
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or peptidomimetics

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<221> MOD_RES
<222> (5)
<223> CH2CH2CH2CH2SO3H attached at the n-terminus

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Leu Val Phe Phe Ala
1 5

<210> 51
<211> 6
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<213> Artificial Sequence

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or peptidomimetics

<400> 51
Lys Leu Val Trp Phe Ala
1 5

<210> 52
<211> 6
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or peptidomimetics

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Lys Leu Val Phe Trp Ala
1 5

<210> 53
<211> 6
<212> PRT

<213> Artificial Sequence

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or peptidomimetics

<400> 53
Lys Leu Val Trp Trp Ala
1 5

<210> 54
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<212> PRT
<213> Artificial Sequence

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or peptidomimetics

<400> 54
Lys Leu Val Tyr Phe Ala
1 5

<210> 55
<211> 6
<212> PRT
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Lys Leu Val Phe Tyr Ala
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<210> 56
<211> 6
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Lys Leu Val Tyr Tyr Ala
1 5

<210> 57
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<210> 58
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1 5

<210> 59
<211> 6
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or peptidomimetics

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Lys Leu Val Xaa Phe Ala
1 5

<210> 60
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or peptidomimetics

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1 5

<210> 61
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or peptidomimetics

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<223> Xaa is cyclohexylalanine

<400> 61

Lys Leu Val Phe Xaa Ala
1 5

<210> 62
<211> 6
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<222> (4)..(5)
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<400> 62
Lys Leu Val Xaa Xaa Ala
1 5

<210> 63
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Lys Leu Val Xaa Phe Ala
1 5

<210> 64
<211> 6
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<223> Description of Artificial Sequence: All D peptides
or peptidomimetics

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<223> Xaa is phenylglycine

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Lys Leu Val Phe Xaa Ala
1 5

<210> 65
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or peptidomimetics

<220>
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<223> Xaa is phenylglycine

<400> 65
Lys Leu Val Xaa Xaa Ala
1 5